



12

EUROPEAN PATENT APPLICATION

21 Application number : **94302519.7**

51 Int. Cl.⁵ : **C11D 7/50, C11D 7/24,
C11D 3/43**

22 Date of filing : **11.04.94**

30 Priority : **12.04.93 US 45071**

43 Date of publication of application :
19.10.94 Bulletin 94/42

84 Designated Contracting States :
AT BE CH DE DK ES FR GB IE IT LI LU NL SE

88 Date of deferred publication of search report :
26.07.95 Bulletin 95/30

71 Applicant : **Colgate-Palmolive Company**
300 Park Avenue
New York, N.Y. 10022-7499 (US)

72 Inventor : **Oldenhove, Louis**
Meerstraat 2
B-3870 Heks (BE)
Inventor : **Broze, Guy**
Rue Claskin 32
B-4330 Grace-Hollogne (BE)

74 Representative : **Kearney, Kevin David**
Nicholas et al
KILBURN & STRODE
30 John Street
London, WC1N 2DD (GB)

54 **Cleaning compositions.**

57 The present invention relates to an aqueous cleaning composition which is useful for the removal of grease or tar without any mechanical action. In particular, the instant compositions are derived from three liquid phases which merge together at the tricritical point to form one continuum forming the aqueous cleaning composition, wherein the three phases incorporate at least a polar solvent, a non-polar solvent or weakly polar solvent and a water soluble or water low molecular weight water dispersible amphiphile.

EP 0 620 270 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 94 30 2519

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 5)
X	EP-A-0 330 379 (THE BRITISH PETROLEUM COMPANY PLC) * page 2, line 21 - line 30 * * page 3, line 3 - line 14 * ----	1,2,5,6, 10	C11D7/50 C11D7/24 C11D3/43
X	EP-A-0 137 615 (PROCTER & GAMBLE CO.) * page 3, paragraph 2 * * page 4 - page 5 * * page 15, last paragraph * ----	1,5	
X	EP-A-0 164 467 (PROCTER & GAMBLE CO.) * page 8 * * page 12, last paragraph * * claims * ----	1,5,6	
A	EP-A-0 105 063 (PROCTER & GAMBLE CO.) * page 5, line 8 - line 31 * * page 16 - page 21 * * claims * ----	1-6	
A	WO-A-93 06204 (THE DOW CHEMICAL CO) * abstract * * claims * ----	1-6	TECHNICAL FIELDS SEARCHED (Int. Cl. 6) C11D
A	GB-A-2 194 547 (COLGATE PALMOLIVE CO) * page 3, line 17 - line 18 * * page 3, line 27 - line 32 * * claims * ----	1-6	
A	US-A-4 362 638 (M.M.CASKEY ET AL.) * the whole document * ----	1-6	
A	EP-A-0 040 882 (PROCTER & GAMBLE CO.) * claims * ----- -/--	1	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 10 May 1995	Examiner Pelli Wablat, B
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure F : intermediate document			

EPO FORM 150 01/92 (P/CHEN)



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 94 30 2519

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 5)
A	US-A-4 414 128 (P.C.E. GOFFINET) * column 2, line 61 - line 66 * * column 9, line 21 - line 34 * * claims * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 5)
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 10 May 1995	Examiner Pelli Wablat, B
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- A : member of the same patent family, corresponding document			

EPO FORM 150 (3.12) (P.1/2)